

PUBLICATIONS OF WILLIAM HOVANITZ

SCOTT E. MILLER

Lepidoptera Research Foundation
c/o Santa Barbara Museum of Natural History
2559 Puesta Del Sol Road
Santa Barbara, California 93105

1936

1. Notes on some California butterflies. *Pan-Pacific Entomologist*, 11(4):190-192. ["1935"]

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2. Note on *Argynnis skinneri* Holland (Lepidoptera-Nymphalidae). *Pan-Pacific Entomologist*, 13(1-2):60.
3. On *Argynnis coronis* W. H. Edws. (Lepidoptera-Nymphalidae). *Bulletin of the Brooklyn Entomological Society*, 32(4):166-168.
4. A new race of *Oeneis chryxus* (Dbl. & Hew.) (Lepidoptera: Satyridae). *Entomological News*, 48(8):228-230.
5. Concerning the *Plebejus icarioides* Rassenkreis (Lepidoptera: Lycaenidae). *Pan-Pacific Entomologist*, 13(4):184-189.

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6. The interpretation of the term subspecies and the status of names applied to lower categories of Lepidoptera. *Entomological News*, 49(2):39-41.

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7. The probable mechanism controlling parallel color variation in butterflies [abstract]. *Bulletin of the Ecological Society of America*, 21(2):14.
8. Ecological color variation in a butterfly and the problem of "protective coloration". *Ecology*, 21(3):371-380. [reprinted as paper 129].
9. Some environmental factors involved in the parallel color variation of butterflies [abstract]. *Bulletin of the Ecological Society of America*, 21(4):40-41.

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10. Genetic and ecologic analyses of wild populations in Lepidoptera [abstract]. *Bulletin of the Ecological Society of America*, 22(2):13.
11. The selective value of aestivation and hibernation in a California butterfly. *Bulletin of the Brooklyn Entomological Society*, 36(3):133-136.
12. Parallel ecogenotypical color variation in butterflies. *Ecology*, 22(3): 259-284. [reprinted as paper 130].
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16. Genetics of natural populations. VII. The allelism of lethals in the third chromosome of *Drosophila pseudoobscura*. *Genetics*, 27(4): 363-394. [Sewall Wright, Theodosius Dobzhansky and WH]
17. The biology of racial or species differences in *Colias* [abstract]. *Bulletin of the Ecological Society of America*, 23(4):68-69.

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18. The nomenclature of the *Colias chrysotheme* complex in North America (Lepidoptera, Pieridae). *American Museum Novitates*, 1240: 1-4. [supplemented by paper 25].
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20. Geographical variation and racial structure of *Argynnis callippe* in California. *American Naturalist*, 77(772):400-425.

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21. Genetic data on the two races of *Colias chrysotheme* in North America and on a white form occurring in each. *Genetics*, 29(1):1-30.

22. The distribution of gene frequencies in wild populations of *Colias*. *Genetics*, 29(1):31-60.
23. The ecological significance of the color phases of *Colias chrysotheme* in North America. *Ecology*, 25(1):45-60.
24. A genetic study of wild populations and evolution. *Caldasia* [Bogotá, Colombia], 2(10):459-464.
25. Supplementary notes on the name *Colias kootenai* Cockle. *Canadian Entomologist*, 76(9):212. [supplement to paper 18].
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1945

27. The distribution of *Colias* in the equatorial Andes. *Caldasia* [Bogotá, Colombia], 3(13):283-300.
28. Comparisons of some Andean butterfly faunas. *Caldasia* [Bogotá, Colombia], 3(13):301-306.
29. Geographical regularity in the variation and supposed mimicry of a butterfly, *Limenitis bredowii*. *American Naturalist*, 79(784):472-474.
30. The combined effects of genetic and environmental variations upon the composition of *Colias* populations. *Annals of the Entomological Society of America*, 38(4):482-502.

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31. Comparisons of mating behavior, growth rate, and factors influencing egg hatching in South American *Haemagogus* mosquitoes. *Physiological Zoology*, 19(1):35-53.
32. Note on the direction of flight of butterflies in northern Florida. *Bulletin of the Brooklyn Entomological Society*, 40(5):170-171. ["1945"].
33. Comparative dispersal of female color types of *Colias* [abstract]. *Genetics*, 31(2):218.
34. Comparative dispersal of female color types of *Colias* [abstract]. *Records of the Genetics Society of America*, 14:48.
35. Studies on the genetics of populations of insects. *Laboratory of Vertebrate Biology, University of Michigan, Report for 1946*, page 12.

1947

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37. Occurrence of parallel series of associated physiological and morphological characters in diverse groups of mosquitoes and other insects. *Contributions from the Laboratory of Vertebrate Biology, University of Michigan*, 32:1-24.
38. An electron microscope study of isolated chromosomes. *Genetics*, 32(5):500-504.

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41. [note on distinguishing between *Colias philodice* and *C. eurytheme*] *Lepidopterists' News*, 2(5):60.
42. A method of filing butterflies for the study of geographical variation. *Annals of the Entomological Society of America*, 41(1):48-50.
43. Ecological segregation of inter-fertile species of *Colias*. *Ecology*, 29(4):461-469.
44. Change of host plant preference in *Colias philodice*. *Journal of Economic Entomology*, 41(6):980-981.
45. Review: *Le Faralle Diurne d'Italia*, by R. Verity. *American Naturalist*, 81(800):391.

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46. Review: *Butterflies*, by E. B. Ford. *Ecology*, 30(2):262-263.
47. Interspecific matings between *Colias eurytheme* and *Colias philodice* in wild populations. *Evolution*, 3(2):170-173.
48. The internal structure of isolated chromosomes. *Wasmann Collector*, 7(6):233-242. [WH, A. R. T. Denués and Ruth Mary Sturrock]
49. Increasing variability in populations following natural hybridization. Pp. 339-355 in Jepson, Glenn Lowell, Ernst Mayr and George Gaylord Simpson (editors). *Genetics, Palaeontology and Evolution*. Princeton, New Jersey: Princeton University Press. xiv + 474 pp. [reprint Atheneum, New York, 1963].

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51. The biology of *Colias* butterflies. II. Parallel geographical variation of dimorphic color phases in North American species. *Wasmann Journal of Biology*, 8(2):197-219.

1951

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54. New meanings in insect coloration. *Science Counselor*, 15:4-6.
55. Amphi-Atlantic study of *Colias hecla*, *Colias nastes* and *Colias palaeno*. *Yearbook of the American Philosophical Society* for 1951:142-144.

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1955

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68. Hybridization and species blending in the butterfly genus *Colias*. *Proceedings of the XIV International Congress of Zoology* [Copenhagen, 1953], pp. 140-141.

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69. Book Review: *Moths*, by E. B. Ford. *Ecology*, 38(1):179.
70. *Tratado de genetica*. Madrid, Spain: Aguilar. xii + 469 pp. [Spanish edition of publication 60].

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77. The effect of various food plants on survival and growth rate of *Pieris*. *Journal of Research on the Lepidoptera*, 1(1):21-42 [WH and Vincent Chuen Sun Chang]

78. Three factors affecting larval choice of food plant. *Journal of Research on the Lepidoptera*, 1(1):51-61. [WH and V. C. S. Chang]
79. The generic, specific and lower category names of the Nearctic butterflies: Preface. *Journal of Research on the Lepidoptera*, 1(1): 63.
80. The distribution of the species of the genus *Pieris* in North America. *Journal of Research on the Lepidoptera*, 1(1):73-83.
81. *Argynnis* and *Speyeria*. *Journal of Research on the Lepidoptera*, 1(1):95-96.

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88. Geographical distribution and variation of the genus *Argynnis*. III. *Argynnis diana*. *Journal of Research on the Lepidoptera*, 1(3): 201-208.
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1965

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102. *Colias christina-alexandra* intergradation. *Journal of Research on the Lepidoptera*, 4(1):42 + cover.

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104. Parallel ecogenotypical color variations in butterflies. *Journal of Research on the Lepidoptera*, 4(2):114 + cover. [color reprint of figure 9 of paper 12]

1967

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1969

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1975

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